APRIL/MAY 2025

23USCA24 — UNDERSTANDING INTERNET (SEC III)

Time : Three hours | Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What does HTTP and FTP stands for?
2. Differentiate between the terms Uploading and Downloading.
3. Define Telnet.
4. Distinguish between router and repeater.
5. What is a Firewall?
6. Compare IP and PPP Protocols.
7. What is the difference between .com versus .net?
8. State the advantages of Client-Server Architecture.
9. What is email address use?
10. List down the features of MIME Protocol.

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SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Describe about the Owners of the Internet.

Or

(b) Briefly discuss on the Impact of Internet on Society.

12. (a) Narrate the importance of Transmission Control Protocol/Internet Protocol.

Or

(b) Illustrate the Internet Addressing Scheme.

13. (a) Write the importance of dedicated connections through the telephone system.

Or

(b) Summarize about the significances of SLIP and PPP Protocols.

14. (a) Write a short notes on Network Security.

Or

(b) Illustrate the various Network Components.

15. (a) Write an account on Email Networks and Server.

Or

(b) Examine the importance of Simple Mail Transfer Protocol.

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SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss in detail about the Applications of the Internet.

17. Explicate the following Internet Addressing Scheme :

(a) E-mail Addresses

(b) Resource Addresses.

18. Describe about the significances of World Wide Web.

19. Expound the Peer-to-Peer and Client/Server communication Systems.

20. Illustrate the Structure of an Electronic Mail.

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